

INTERNATIONAL SEARCH REPORT

IB2004/050720

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F1/32 H03K19/00 H03K19/21

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 5 719 800 A (VALENTINE ROBERT ET AL) 17 February 1998 (1998-02-17) abstract column 1, line 5 - column 2, line 7 column 3, lines 18-45 column 4, lines 35-37 column 5, lines 13-43 column 7, lines 20-35 column 9, line 49 - column 10, line 25; figures 1a,1b,5</p> <p style="text-align: center;">----- -/-</p>	1-6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

19 August 2004

Date of mailing of the international search report

17/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Meulemans, B

INTERNATIONAL SEARCH REPORT

IB2004/050720

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/39661 A (GROCHOWSKI EDWARD T ; KLING RALPH M (US); INTEL CORP (US)) 6 July 2000 (2000-07-06) abstract page 2, line 6 - page 4, line 2 page 5, lines 12-26 page 7, line 1 - page 12, line 27; figures 1,3-5 -----	1-6
X	WO 01/48584 A (GROCHOWSKI EDWARD T ; JOSHI VIVEK (US); KLING RALPH M (US); INTEL CORP) 5 July 2001 (2001-07-05) cited in the application abstract page 1, line 1 - page 4, line 19 page 11, lines 20-29 page 14, lines 1-4; figures 2,3,5 -----	1-6
X	US 5 815 725 A (FEIERBACH GARY F) 29 September 1998 (1998-09-29) the whole document -----	1-6
A	US 5 324 992 A (MALY WOJCIECH) 28 June 1994 (1994-06-28) the whole document -----	1-6
A	PATENT ABSTRACTS OF JAPAN vol. 0103, no. 76 (E-464), 13 December 1986 (1986-12-13) & JP 61 169022 A (NEC CORP), 30 July 1986 (1986-07-30) abstract -----	1-6

INTERNATIONAL SEARCH REPORT

IB2004/050720

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